

Wu, Jennifer

From: Wu, Jennifer
Sent: Thursday, April 27, 2017 12:52 PM
To: Emi Kondo - NOAA Affiliate
Subject: FW: 9.5 mg/L DO rationale

Hi Emi, here's what I got on the DO question from our Lindsay Guzzo, EPA's WA Water Quality Standards coordinator. I can also give you a call later on the model and send you a model run. Thanks! - Jenny

From: Guzzo, Lindsay
Sent: Wednesday, April 26, 2017 5:39 PM
To: Labiosa, Rochelle <labiosa.rochelle@epa.gov>; Wu, Jennifer <Wu.Jennifer@epa.gov>
Subject: RE: 9.5 mg/L DO rationale

From a 2008 TSD in WA (although I don't believe that this approval was for the Icicle creek segment. I think the actual criteria was adopted in 1997.).

EPA approves these revisions as consistent with the Clean Water Act and its implementing regulations at 40 C.F.R. § 131.5(a)(2), 131.6(c), and 131.11. According to EPA's *Quality Criteria for Water 1986* (EPA 440-5-86-001) a D.O. concentration of 9.5 mg/L as a minimum during the time of year when D.O. is lowest (late summer), would provide protection during the non-incubation (rearing/migration) period, and would result in slight production impairment in waters where salmonid spawning occurs.

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